





## QUALITY HOSIERY AND UNDERWEAR

Yards of measure want good fitting and soft finished hosiery and underwear, but most of all in quality and that is one of the things we are very particular about. You are sure of it in the Berkshire House.

### LADIES' HOSIERY.

Black, white, and colored. Fine quality of silk socks with fancy tops.

### SILK HOSIERY

Black, white, and colored. Fine quality of silk socks with fancy tops.

### CHILDREN'S SOCKS

In plain and fancy combinations of 15c and 25c. An extra quality of silk socks with fancy tops.

### CHILDREN'S HOSIERY

Black and white. Cotton in black, tan, white, pink and blue. 12 1/2c, 15c, 25c.

### Ladies' Underwear

Union suits, drawers and waist combination, waist has buttons all the way around, a new practical garment. Suits sleeveless with lace trimmed drawers, 50c.

CHILDREN'S VESTS, sleeveless, short sleeves and long sleeves, 12 1/2c, 15c, 25c.

VESTS "CUMPY CUT" with can't slip straps, no matter what position the wearer assumes the straps will not slip from the shoulder, 15c, 25c, 50c.

### Children's Underwear

UNION SUITS, drawers and waist combination, waist has buttons all the way around, a new practical garment. Suits sleeveless with lace trimmed drawers, 50c.

CHILDREN'S VESTS, sleeveless, short sleeves and long sleeves, 12 1/2c, 15c, 25c.

CHILDREN'S DRAWERS, closed knee, and lace trimmed, 15c and 25c.

### PERCALE SALE

12 1/2 cent quality for 10 cents.

One lot containing dark, medium and light colors, extra quality. This sale is for only a few days.

Norway, *Thomas Smiley* Maine

## NEW GOODS

We have just received a new and attractive lot of

White Silk Shirt Waists,  
Muslin Night Robes, Skirts, etc.

Our stamped linens, including Towels, Tray Cloths,  
Doilies, Cushions, etc. are well worth your attention.

L. M. STEARNS

GOOD YEAR  
No-Rim-Cut Tires  
With All-Weather Treads or Smooth

### In Our Window

This week—Goodyear Display Week—you'll find our window filled with No-Rim-Cut tires.

The tires that outlast any other.

The tires that cost less than 18 others.

The tires that can't be rim-cut.

Tires with All-Weather treads.

Tires that save blow-outs and combat loose treads in costly ways employed by no other maker.

Come and let us show you why Goodyear's tires are the best. Let us quote you Goodyear prices—way below mass others because of mammoth output. Let us render Goodyear service.

Remember this as Goodyear headquarters.

CARVER'S

BETHEL.

MAINE

## BETHEL AND VICINITY.

Mr. Chas. Davis was in Portland, Tuesday.

Mr. C. E. Neal of Auburn is visiting friends in town.

Miss Daisy Lathrop has returned to her home in Mayville.

Mr. M. A. McGovern was a guest of friends in Bethel, Sunday.

Mr. Fred Tibbetta and family from Rumford were at Levi Bartlett's, Sunday.

Mrs. Wallace Dearborn of Kennebec, Me., is in town, caring for a patient.

Mrs. George Robertson and little daughter are guests of Mr. and Mrs. C. K. Fox.

Miss Marion Mansfield is expected to return home from her studies at Smith College, Thursday.

Judge and Mrs. A. E. Herrick have returned from Boston, where they have been spending a few days.

Mr. and Mrs. F. B. Hall and daughter, Wilma, were Sunday guests of her parents, Mr. and Mrs. O. A. Buck.

Misses Russell, Starrett, Brooks and Walby made the trip to the Tip Top House on Mt. Washington, Saturday.

Mrs. George Davis and Mrs. John Brown of Milton were guests of Mr. and Mrs. Edmund Merrill one day last week.

Mr. F. L. Edwards, Mr. Ernest Walker and Mr. H. C. Rowe attended the Shriner's Field Day at Lewiston last Friday.

Mr. and Mrs. Robert Snodgrass and two children of Berlin, N. H., were week end guests of Mr. and Mrs. C. W. Hall.

Mr. Clement Wood of South Paris, formerly of Bethel, died at the C. M. G. Hospital in Lewiston last Thursday. Bethel friends extend their sympathy.

Dr. and Mrs. O. H. Brann and son returned to their home at Augusta, Monday, after spending a few days with her parents, Dr. and Mrs. J. A. Twadale.

Mr. Henry K. Stearns and son, Drew, Mr. Hyman, wife and son and Miss Hazel Donham and friend of Hebron were Sunday guests of Mr. and Mrs. E. C. Park.

Mr. Herbert E. Day of Woodstock and Miss Emma J. Mayennell of Bethel were united in marriage, June 5th, by Rev. J. H. Little at his residence on Paradise Road, using the single ring service.

The summer meeting of the Methodist Preachers' Association of the Northern Grand Trunk occurred at Gorham, N. H., Tuesday and Wednesday of this week. Rev. T. C. Chapman of this place was in attendance.

Last Friday evening the First Quarterly Conference of the Methodist church took place with Rev. D. B. Holt, the newly appointed District Superintendent in the chair. A good number were present to hear the reports presented and meet Dr. Holt.

Flower Mission Day will be observed in the schools in the brick building, Friday afternoon. Miss Brooks and Miss Wilby's pupils will give their program from two o'clock to half past two. The exercises with the pupils of Miss Starrett and Miss Richardson will be from two forty-five to quarter past three. Parents and all friends who are interested are cordially invited.

The Young People's Society of the Methodist church held a social at the country last Thursday evening. The committee of the local workers, Miss Davis and Miss Richardson, had charge of the program and served refreshments. A feature of the evening was the presentation of a candidate out of the young ladies, and the gift of a fine parlor lamp to John Anderson by the young men.

The car park, 11 1/2c, 15c, 25c.

A GOOD HOUSEHOLD SALVE

For all household ailments, this salve is the best. It is made from the finest ingredients and is guaranteed to cure all ailments. It is sold in all drug stores and is the best salve for all household ailments.

The Ladies' Club will be omitted this week.

Mrs. C. W. Hall was in Lewiston, Monday.

Miss Ruth Gibbs from Boston is visiting at Mrs. Levi Bartlett's.

Mrs. Lizzie Cummings of Albany is a guest of Mr. and Mrs. Frank Kendall.

Miss Hodgdon is spending a short vacation at her home in Orland, Maine.

Mrs. J. H. Little returned Saturday from her visit to her sister in Exeter, N. H.

Mrs. S. F. Pearce of Woodfords is spending a short vacation with friends in town.

Mr. N. F. Brown has been confined to the house several days on account of illness.

Last Sunday Mr. Little was called to Gorham, N. H., to attend the funeral of Miss Ann Lary.

Mr. Sidney Jodrey has commenced work on his house on Main street. Mr. John Burbank is the workman.

Mrs. Etta Bartlett and Mrs. Fred Bean of East Bethel were guests of Mr. and Mrs. Edmund Merrill, Monday.

The Ladies' Aid of the Methodist Church will serve dinner at I. O. O. F. Hall, Tuesday, June 15, from 11:30 to 2:00.

Dr. and Mrs. Arthur Wiley and daughter, Olive, and Mr. Knox of Bar Mills are guests of Mr. and Mrs. F. L. Edwards.

Mr. Winfield Wight of Bowdoin College and friend, Mr. Rogers Crechore of Salem, Mass., were week end guests of Dr. and Mrs. I. H. Wight.

Mr. and Mrs. Llewellyn Pratt returned to their home in Cambridge, Mass., Saturday, after spending a week with their daughter, Mrs. H. M. Farwell.

Dr. and Mrs. J. G. Gehring have closed their house and with Mr. W. J. Upson and Mr. Wm. Bingham, 2nd, will spend a couple of weeks at Rangeley Lakes.

The Ladies' Club are to purchase a number of additional hymnals for the church and those wishing to order for personal use please notify Dr. F. H. Tuell at once.

Miss Ella Sanborn is soon to occupy her cottage and her friends wished to show their good wishes and gave her a "pound party." All spent a most pleasant evening.

Mr. E. F. Callahan has resigned as Superintendent of the Bethel-Gorham School District, and has been elected Superintendent of the Livermore-Jay District.

Among those who attended the Oxford County Congregational Conference at South Paris, Tuesday and Wednesday, were: Rev. and Mrs. W. C. Curtis, Mrs. J. U. Purington and Mr. A. B. Chapman.

Miss Florence Carter, who has been teaching in the school for the deaf and dumb in Morganton, N. C., and Miss Frances Carter from the South Portland school for the same, have come home to spend the summer with their mother, Mrs. Ella Carter.

The friends of Mr. Lucien Littlehale gave him a surprise party on his twenty-fifth birthday, and it being the wedding anniversary also of his parents, Mr. and Mrs. Enos Littlehale, both events were celebrated. The evening was spent socially and the graphophone and bench were copied, after which dainty refreshments were served. The parents and son received very nice presents from their friends.

New mailboxes this week, including rate and flowers, L. M. Stearns. Adv.

### Paint-Wise

is to paint when your property needs it. Paint doesn't wait for the price to go down.

But as they are fast, they'll wait a good while.

The whole idea in the cost of a job is to get it done. The last year's drop won't be more than half that, more likely a quarter.

Waiting for a percent, more likely 25.

The average job with houses is \$5 to \$10 per room, \$250. But it's off for \$150 a room.

You think of that job as \$10? But it's with inferior paint.

First thing you know, if your property needs it.

## A recent addition to my corset stock is the Flexo Form

A Corset made with patented woven wire side boning. It is Break Proof, Resilient, Rustless. As flexible as the human body. Try the Flexo Form Corsets. \$1.00 and \$1.50 models in stock, higher priced ones on special order.

New lot Neckwear, New Collars, Collar and Cuff Sets, etc., 25c and 50c.

Another lot of those \$1.25 Shirt Waists just came in. All new patterns.

EDWARD KING,  
BETHEL, MAINE

BETHEL  
TUESDAY, JUNE 15

Two performances, rain or shine, 2 and 8 P. M.

FRANK A. ROBBINS  
ALL FEATURE SHOWS

100 Great Artists 100

Led by the World's Most Celebrated Male and Female Equestrians, Acrobats and Aerialists and Specialty Performers, Including

50 - Beautiful Ladies - 50



SEE Dare Devil Long Leap the Gap on His Head.

20 - Funny Old Clowns - 20

Tango Horses, Tango Elephants, Bunny Hug Bears, Waltzing Ponies.

STUPENDOUS MENAGERIE  
OF TRAINED WILD ANIMALS

Grand Free Street Parade Daily

ONE TICKET ADMITS TO ALL

WE PRINT BUTTER PAPER

Regulation size with name and address of maker and net weight, in accordance with Federal Law, for

\$2.50 per 1000 Sheets

By Parcel Post 15 Cents additional

We Furnish the Paper.

The Citizen Office

## THE HOME

Pleasant Reveries—Dedicated to Those as they Join the Circle at Evening

THE SHOW

She was caught in a

But she didn't get w

For more than an hour

She was caught in a

That she'll never reg

'Twas a shower of lin

That brides-to-be get

Fame is the scentless

With gaudy crown q

But friendship is the

With sweets in ever

Oliver W

THE BOY WHO

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Pharm, 1625 Downto



## THE HOME CIRCLE.

Pleasant Reveries—A Column  
Dedicated to Tired Mothers  
as they Join the Home  
Circle at Evening Tide.

## THE SHOWERS.

She was caught in a shower,  
But she didn't get wet;  
For more than an hour  
She was caught in a shower  
That she'll never regret;  
'Twas a shower of linen  
That brides-to-be get.  
\* \* \*

Fame is the scentless sunflower,  
With gaudy crown of gold;  
But friendship is the breathing rose,  
With sweets in every fold.  
Oliver Wendell Holmes.  
\* \* \*

## THE BOY WHO WORKS.

Do you feel, young fellow, that you  
have a hard time? Your hours are  
long. Your task is hard and the wages  
small. The contents of your weekly  
pay envelope will scarcely carry you  
over the week. Sometimes you must  
wear patched trousers or a frayed coat.  
Your employer expects a great deal  
from you. Other fellows dress well  
and always have money. They have  
cooing fathers and mothers while you  
toil six days a week to make a living.  
Never mind, young man. You are  
ahead of the boy who has every luxury  
at home. You are getting experience  
that he must get somehow later on.  
Because, sooner or later he must fight  
the real battle of life himself. And  
you have the advantage. While life  
has been made easy for him, he lacks  
drill and discipline which every life-  
soldier must go through. You are pre-  
paring yourself. He may go in with-  
out preparation and fall.

## KEEP QUIET AND BE COOL.

Don't Hurry and Don't Worry and  
You Will Not Suffer.

The woman who is excessively warm  
and uncomfortable in the warm weather  
or is usually the woman who bustles  
and rustles about from morning until  
night. Perhaps she does not accom-  
plish much. But when she sits down  
to rest she sits down energetically.  
When she takes a drink of water she  
drains her glass eagerly, hurriedly. She  
has not learned to be reposeful, which,  
in the summer time, means that she  
had not learned to keep cool.

Exercise and activity have their  
rightful place in warm weather as  
they have in cool weather. One of the  
reasons why men of temperate cli-  
mates sometimes are unable to stand  
the tropics is that they give up exer-  
cising altogether. The physical up-  
keep must be maintained if the body  
is to fight the heat, and exercise is one  
way of maintaining it. But exercise  
must be indulged in in the cool part  
of the day, and must be taken much  
like medicine, in the very warm weath-  
er. In the middle of the day quiet-  
ness must be the rule.

Look again to the tropics. The mid-  
day siesta is the rule. Early in the  
morning and again in the evening ev-  
erything is alive, vigorous. In the  
middle of the day a hush of almost  
absolute stillness prevails. The tropics

WOMAN COULD  
HARDLY STAND

Because of Terrible Back-  
ache. Relieved by Lydia  
E. Pinkham's Vegeta-  
ble Compound.

Philadelphia, Pa.—"I suffered from  
displacement and inflammation, and had  
such pains in my  
sides, and terrible  
backache so that I  
could hardly stand.  
I took six bottles of  
Lydia E. Pinkham's  
Vegetable Compound,  
and now I can do  
any amount of  
work, sleep good, eat  
good, and don't have  
a bit of trouble. I  
recommend Lydia E.  
Pinkham's Vegetable Compound to  
every suffering woman."—Mrs. HARRY  
FISHER, 1625 Doughton St., Nicetown, Pa.

Another Woman's Case.  
Providence, R. I.—"I cannot speak  
too highly of your Vegetable Compound  
as it has done wonders for me and I  
would not be without it. I had a dis-  
placement, bearing down, and backache,  
until I could hardly stand and was thor-  
oughly run down when I took Lydia E.  
Pinkham's Vegetable Compound. It  
helped me and I am in the best of health  
at present. I work in a factory all day  
long besides doing my housework so you  
can see what it has done for me. I give  
you permission to publish my name and I  
speak of your Vegetable Compound to  
many of my friends."—Mrs. ANNE LAW-  
SON, 122 Lippitt St., Providence, R. I.

Danger Signals to Women  
are what one physician called backache,  
headache, nervousness, and the blues.  
In many cases they are symptoms of  
some female derangement or an inflam-  
matory, ulcerative condition, which may  
be overcome by taking Lydia E. Pink-  
ham's Vegetable Compound. Thousands  
of American women willingly testify to  
its virtue.



**Cliequot Club**  
MADE IN AMERICA  
Best in the World  
**GINGER ALE**  
Cliequot Club is a deliciously sparkling, joyous ginger ale made of finest Jamaica ginger root, pure juices of lemons and limes, cane sugar, and deep, bed-rock spring water, highly carbonated. The pure ginger stimulus makes it safe to drink when you are overheated.

Sold by Good Grocers and Druggists  
Buy It by the Case

CLIEQUOT CLUB COMPANY  
HILLIS MASS.

are having their noontide rest.

Look out of your windows at mid-  
day. Some of the bees are still buz-  
zing. It must be that they are accli-  
mated to intense heat when they are  
born, for they defy the sun's hottest  
rays in their search for honey. But  
the birds are still, supposedly napping.  
Squirrels have sought their holes. Rab-  
bits and chipmunks are not to be seen.  
Even the household pets, much spoiled,  
no doubt, by their long intercourse  
with mankind, have sense enough to  
be still at noon. The big dog hollows  
out a comfortable resting place in a  
shady flowerbed. The cat and the kit-  
tens betake themselves to the shady  
side of the barn.

In the very warm weather, there  
should be a rule in the house that after  
a light and early luncheon there should  
be no activity until 3.30 o'clock. If  
this rule were made and kept there  
would be fewer breakdowns from the  
heat among both mistresses and maids.

This is the time of day when little  
children nap, and so they are little  
trouble. Even if they are too warm to  
sleep, they can be taught to lie quietly,  
with a book, perhaps, for the hours be-  
tween noon and 3 o'clock. The evening  
is really the loveliest time of a sum-  
mer's day, and if children sleep and  
rest at midday they may be allowed  
to enjoy part of the cool that comes  
with nightfall. By the time they go to  
bed their rooms will be cooler and their  
rest will be stronger than they would  
have been early in the evening.

The problem of "getting the work  
done" keeps many a housemistress  
and maid from resting in the heat of  
the day. Early rising will overcome  
this obstacle. Look at the birds again.  
The trees in the early morning are alive  
with them, and the air almost vibrates  
with their chatter. The maid who has  
a leisurely afternoon to look forward  
to will gladly hurry with the work in  
the morning, and will as gladly take  
it up again late in the afternoon, and  
any housewife of ordinary intelligence  
can so manage her housekeeping that  
she can accomplish it before noon and  
after 4 o'clock each day. The sleep-  
less lassie who gets up early—and  
nothing but a summer evening com-  
pares with a summer early morning  
nap—she can make up in the midday  
nap.

Be quiet and you will be cool; re-  
member that, while the dog days are  
upon us.

## LOCKE'S MILLS.

Mrs. Lydia Varney and son, Lester,  
have returned to their home at North  
Buckfield.

Mrs. E. L. Toblitts of Auburn is  
visiting her son, Charles, and family,  
for a few days.

Mrs. Ida Fisher went to North New-  
ry, Wednesday, to care for the sick.

Mrs. W. H. Crockett is attending  
graduation exercises at the U. of M.  
at Orono this week.

E. L. Toblitts spent the week-end at  
his home at North Buckfield.

Miss Mary Howe visited with her family  
at Bethel the week-end.

A few from town attended the  
picture show at Bryant's Hall, Friday  
evening.

New Val Lanes just received. L.  
M. Stearns. Adv.

## RUCH LANGUAGE.

"Mama," continues the little lass  
too girl in beautiful tones, "I have  
been speaking to Lester this morning. He  
was playing with those common little  
balls and the other boys, and he was  
speaking in that foolish language."

"What's he saying?" asked mamma.  
"He's spitting out his tongue after  
another!"

## OXFORD.

The baccalaureate sermon to the  
senior class of Oxford High school was  
delivered in the Congregational Church,  
Sunday morning by the pastor, Rev.  
Malcolm MacKay assisted by Rev. W.  
H. Farr and Rev. Harold Faulkingham.  
Members of all the classes, teachers and  
superintendent and many friends were  
present. Special music and decorations  
were prepared for the occasion.

The graduating exercises will be  
held in Robinson hall, Friday after-  
noon at 2:30. The following program  
will then be carried out:

Music  
Prayer  
Music

Salutatory, Music,  
Ethel Jeanette Scribner  
Class History, Payson Julian Brett  
Address to Undergraduates,  
Maggie Melvina Cutting  
Music

Roll Call, Percy Wellington Twitchell  
Oration, The Panama-Pacific Exposi-  
tion, Lester Bartlett Richardson  
Prophecy, Gerald Woodman Jenkins  
Poem, Elvira Florence Edwards  
Music

Presentation of Gifts,  
Clarence William Smith  
Class Will, Charles Lyndall Kay  
Valedictory, Thomas A. Edison,  
Helen Bertha Morris

Singing Class Solo  
Presentation of Diplomas  
Benediction

At 7.30 p. m. there will be a concert  
with Ruth Pierce of Hebron Academy,  
reader. The concert will be followed  
by the commencement ball. Music for  
all the exercises will be furnished by  
Pettigill's orchestra of Lewiston, six  
pieces.

Work on the State road begins this  
week.

The annual sermon of the Knights of  
Pythias will be given by Rev. Charles  
Cummings of Auburn in Robinson hall,  
Sunday afternoon, June 13.

Ernest Williams of Lynn, Mass., has  
been in town the past week. Mr. Wil-  
liams has sold his cottage on Lake  
Thompson to Floyd Wardwell.

Mamie and Vera Kay are at home for  
a month's vacation.  
George Hazen has sold a lot of land  
to Michael Naimen on which he pro-  
poses to erect a dry goods store.

Two members of the senior class of  
Oxford High school are ill, Percy  
Twitchell has the chicken pox and Clar-  
ence Smith has tonsillitis.

Mrs. Polly Linnell is visiting Mrs.  
Frank Dean.  
Charles Blake, Mrs. Harriet Carley,  
Mr. and Mrs. George Carley are visit-  
ing at H. O. Blake's.

Oona Whyte and Nellie Hayes were  
in Lewiston, Saturday.  
J. E. Denning is at home.

H. E. Parrott and family were in  
Portland, Sunday.

A. A. Bumpus has moved into his  
house on Mill street. Jason Adams, who  
has been occupying the house has moved  
his family to the Orrin Tracy place.

Nathaniel Burns is clerking for Lord  
and Starbird.

H. O. Blake has returned from Beverly,  
Mass.

Five—ten—twenty. years  
from today the files of LESLIE'S  
will be priceless. For LESLIE'S  
is the one great national illus-  
trated weekly newspaper of today.

Special war correspondents  
and photographers by the score  
"cover the war" for LESLIE'S  
—in Germany, in Austria,  
in France, in Russia, in Britain,  
in Belgium, in Turkey, in  
Egypt, in the Far East, on  
the high seas.

The LESLIE'S news and pictorial  
service "covers" not only the war,  
but the world, for the benefit of its  
350,000 subscribers. At home or  
abroad—wherever news is happening  
—there the unparalleled service  
of this great weekly newspaper is  
recording it and putting it for the  
people of the United States.

For sixty years LESLIE'S has  
brought to the American people  
week by week the most important  
news of our own and every other  
country, not in words alone, but  
also in pictures—such a universal  
language which tells more at a  
glance than pages of words could  
describe.

No wide-awake American can  
afford not to have LESLIE'S in his  
home every week. Every member  
of the family will profit by it. It  
is not too "old" for the youngest  
child, while every page teems with  
interest for every man and woman  
in the family.

Get the current issue at any newsstand—  
10 cents.

Better subscribe by the year (\$5)  
and be sure of receiving every issue promptly  
on Thursday.

## CANTON.

Mrs. Frank W. Morse of Canton has  
been spending a few days in Boston.  
The Rebekah memorial services will  
be held at the next meeting, Friday  
evening.

Mrs. Rose Gammon, who has been  
spending the winter in Buckfield, has  
been visiting Mr. and Mrs. John Gam-  
mon.

Mrs. Helen A. Eastman is visiting  
her sister, Mrs. Walter E. Marston and  
family, of Andover.

Miss Marion Lord and Miss Bessie  
Dutton, teachers at Leavitt Institute,  
were week end guests of Miss Ruth  
Richardson and family at "Pinewood."

Rev. N. G. French of Auburn occu-  
pied the pulpit of the United Baptist  
Church, Sunday, while the pastor, Rev.  
A. G. Murray, preached at Kingfield.  
Mr. and Mrs. Sylvester B. Woodman  
of New Gloucester have been guests of  
Mrs. Dorcas Bartlett and son of Hart-  
ford.

Ralph Russell of Biddeford is a  
guest of his cousin at the Point.

A pleasant meeting of the Universa-  
list Circle was held with Mrs. Ella  
Purinton, Thursday. The next session  
will be with Mrs. Philura Strout.

Walter Philson and family have moved  
back to Livermore.

Mrs. Iola Ellis and daughter, Edith,  
of Dixfield, were visitors in town, Fri-  
day.

Mrs. Chas. Small and Miss Eva  
Springer visited at Peru, Saturday.

The funeral of Mrs. Clara A. Hay-  
ford was held at the home, Thursday  
at 12.30 o'clock, Rev. A. G. Murray  
officiating. The floral offerings were  
profuse and beautiful and included  
tributes from Ponemah Rebekah Lodge,  
Evergreen Chapter, Relief Corps, Can-  
ton Grange and the Universalist Cir-  
cle. The bearers were: G. H. Johnson,  
J. C. Bicknell, A. S. Bicknell and J. A.  
Reynolds. Among those from out of  
town who attended the funeral were:  
Miss Mary Fairbanks and brother,  
Warren Fairbanks of Carville, Mass.,  
Mr. Bullard and daughter, Mrs. Oran-  
do, of Massachusetts, Mrs. Lophia  
Thompson, Mrs. J. M. Johnson, Mrs.  
Hattie Holt and Mrs. Ella Nevens of  
Lewiston. Interment was at Pine  
Woods Cemetery.

Mrs. Otis Hayford of Farmingdale is  
in very feeble health. Her son-in-law,  
Elbert Hayford, recently met with an  
accident, fracturing his leg in two places  
and also injuring one of his hands.

Mr. and Mrs. W. S. Ingersoll and  
daughter, Mrs. Mary Nickerson and  
children of Winthrop were Sunday  
guests of Mr. and Mrs. Maurice Howes  
and family at "Pinewood."

Mr. and Mrs. William Harper and  
Mr. and Mrs. Curtis of Auburn were  
calling on old friends in town, Sunday.

Miss Lena McColister of Mexico is  
a guest of her sister, Mrs. Margery  
Weld and family, of the Point.

Miss Mildred Richardson has returned  
to school at Leavitt Institute.

O. M. Richardson returned home,  
Saturday.

Wallace Hutchinson had an ill turn,  
Tuesday of last week, and Dr. Nichols  
and a nurse from Hebron Sanatorium  
were summoned. He is now comfort-  
able.

Herbert W. B. Redden of Mattapan,  
Mass., has been a guest of Frank M.  
Oliver and family.

Mrs. Geo. Nevens and daughter,  
Beryl, have been visiting her brother,  
Geo. H. Johnson and family.

Geo. Lavorgna, Swasey Wallin, Ruth  
and Mildred Richardson and Ada Bon-  
ney have been at home for a short visit.

Ralph W. Blanchard of Portland,  
formerly of Canton, has been visiting  
friends in town and also relatives at  
East Dixfield.

Mrs. Ella L. Swasey, Mrs. Helen A.  
Eastman and Mrs. Etta B. Gilbert have  
been chosen from Ponemah Rebekah  
Lodge to receive the degree of Chivalry  
by the Patriarchs militant.

Vinton Bridge of Portland was a re-  
cent guest of W. E. Hutchinson and  
family.

Mrs. Eunice Brennan and child of  
Auburn are guests of her grandparents,  
Mr. and Mrs. A. W. Ellis.

John J. Swasey has been visiting  
relatives in town.

Anna Gordon, the National President  
of the W. C. T. U., speaks at Hartford,  
Monday evening of this week.

Royal Bradford and Frank Leavitt  
of Turner Center were at "Pinewood,"  
Sunday.

Edward McColister and family of  
Lewiston have been guests of relatives  
at the Point.

"Mrs. Briggs of the Poultry Yard"  
was presented by the pupils of Jay  
High school at Canton Grange Hall,  
Friday evening, followed by a dance.

Grand music was furnished by Mrs.  
Minnie Howes, violin; Mrs. Winifred  
Foster, piano, and Thora Woodward,  
clarinet.

The second and third degrees were  
conferred on one candidate at the last  
meeting of Annapiscook Lodge, and  
sister arrived.

Frank Richardson, Fred Ellis and  
Ansel Ellis attended a social dance at  
Turner Village, Saturday evening.

Mrs. Ernest Glover of Portland is at  
home, Mrs. Geo. H. Johnson.

Hon. J. P. Swasey and family and  
L. L. Wallin and family recently en-  
joyed an outing at Birch Brook.

Mr. and Mrs. James E. York are  
quite poorly.

Mrs. Marion A. Smith, Mrs. Evie B.  
York and Mrs. Alma Towle have been  
chosen as delegates to attend the Uni-  
versalist Convention at Auburn, and  
Mrs. Etta Glover, Mrs. Gladys Walte  
and Mrs. Philura Strout alternates.

J. M. Johnson is planning to move  
from Lewiston to Canton.

Mrs. Horace Worden of Canton Point  
is a guest of her parents, Mr. and Mrs.  
John C. Parlin, of Albion.

Llewellyn Heald of Sumner has been  
a guest of his brother, Cyrus Heald and  
family.

## BLUE STORES

EVERY MAN, no matter how full his purse, wants his  
money to go as far as possible. But there is only one  
kind of real economy and that is summed up in the word  
quality. Anything short of that is sure to bring dis-  
satisfaction.

Quality means not only goodness of material but work-  
manship as well.

You can assure yourself of that if you wear

## Kirschbaum Clothes

\$15, \$18, \$20 and up to \$25

Other good makes \$13, \$12, \$10 and down to \$7.50.

We guarantee every garment we sell, for the reason  
that we will sell no garments that we cannot guarantee.

## F. H. NOYES CO.

NORWAY

SOUTH PARIS

## Improved Easy Cushion Sole Shoes

We have added this line of very comfortable shoes to our stock, and  
they are all that the name implies. And not only that, they are very  
neat in appearance, they are dress shoes with all the comfort of the so-  
called comfort shoes combined. We have two styles: Women's Kid  
Lace Cloth Top and Kid Button Kid Top. The price is \$4.00.

We also have many other new things in Footwear. Do not forget  
if it is shoes that you want you can find what you want here.

## E. N. SWETT SHOE CO.

Opera House Block, NORWAY, MAINE.

Telephone 38-2

## GRAIN AND FEED

Lily White Flour

The kind the best cooks use.

GRASS SEED

## WOODBURY &amp; PURINGTON,

BETHEL,

MAINE.

## MIDDLE INTERVALE.

Welcome rain Sunday night, 6th inst.  
E. G. Hall, agent for the Great At-  
lantic & Pacific Tea Co., was here,  
Monday.

Miss Leona Parlin was in town, Mon-  
day.

Mr. A. M. Carter came home, Sat-  
urday.

Mrs. John Carter and baby have re-  
turned from their visit in Newry with  
her relatives and friends.

Minnie Copen assisted her sister,  
Mrs. Edward Carter, in getting ready  
for housekeeping in her new home here.

O. B. Farwell and wife of East Beth-  
el were here recently en route to Beth-  
el Hill.

Mrs. Charles Eames and Frances  
Baker visited at Sunday River the  
week end.

J. H. Carter, Jr., went to Newry,  
Sunday.

Mrs. Clark Caswell is in New Hamp-  
shire on a visit.

Blanche Kimball has a hen that drop-  
ped an egg 6 by 8 inches.

Mrs. Harry Brooks and daughter of  
Massachusetts are guests of her par-  
ents, Mr. and Mrs. C. L. Sanborn.

Robert Sanborn has a new auto and  
makes good use of it on his mail route.

See our jersey vests, 12 1/2, 13, 14,  
25c. L. M. Stearns. Adv.

## TIRED, ACHING MUSCLES

## RELIEVED

Hard work, over exertion, mean stiff  
and aching muscles. Sloan's Liniment light-  
ly applied, a little quilt, and your sore-  
ness disappears like magic. "Nothing  
ever helped like your Sloan's Liniment."  
I can never thank you enough," writes  
one grateful user. Stop suffering, ache,  
and pains. An excellent counter-irri-  
tant, better and cleaner than mustard.  
All Druggists, etc. Get a bottle today.  
Penetrates without rubbing. Adv.

"I have a little engagement for  
this afternoon."

"I thought you never played cards."

"Neither I do. My engagement is  
with my dentist."

## NORTH NEWRY.

Mr. and Mrs. G. K. Wight returned  
to their home in So. Framingham,  
Mass., Wednesday.

Bear River Grange will give a Fourth  
of July Ball at Newry Corner. The  
exact date has not yet been decided up-  
on, but watch for the posters.

Morton Kilgore and son, Earl, and  
Mrs. S. A. Fickett started for Rhode  
Island, Sunday, with their automobile.  
They expected to go as far as Ports-  
mouth the first day.

Bert Paine is working in the mill  
for Wight & Sons.

Wilfred Kilgore is working for C.  
W. Robertson.

Mrs. Robertson went to Errol the  
last of the week to visit her sister,  
Mrs. W. D. Thurston.

Mrs. Joe Powers has moved into what  
was called the Jack Eagle house, now  
owned by W. B. Wight & Sons.

Dan Forbes has returned from Massa-  
chusetts.

Charlotte Vail has finished work at  
R. W. Kilgore's, and is at home for  
the summer.

The Ladies' Sewing Circle met with  
Mrs. A. C. Littlehale, Thursday, and  
elected officers as follows:—Mrs. F. W.  
Wight, President; Mrs. A. C. Littlehale,  
Vice President; Mrs. F. P. Flint, Treas-  
urer; Mrs. S. A. Eames, Secretary;  
Fancy Work Com., to be chosen later;  
Baked beans and pastry supper will be  
served in Eames' Hall, from 6 to 8  
o'clock, Thursday, June 17. Remember  
the date. A cordial invitation is ex-  
tended to all.

Mr. and Mrs. F. W. Wight, A. C.  
Littlehale and Hartley Hanson went  
to Errol, Saturday night.

New Val Lanes just received. L.  
M. Stearns. Adv.

## Shake Into Your Shoes

Allen's Foot-Lace, the antiseptic  
powder for painful, smarting, tender, ner-  
vous feet. It takes the sting of  
corns and bunions. Over 100,000 pack-  
ages are being used by the German and  
Allied troops at the front. Sold ev-  
erywhere, etc. Sample FREE. Address,  
Allen B. Kilmsted, Le Roy, N. Y. Adv.  
6348.

## Coughs

Kill If You Let Them.  
Instead kill your Cough with DR. KING'S  
NEW DISCOVERY. It kills Irritated  
Throat and Lungs. Thousands in last  
40 years have said:

## Dr. King's







## FROZEN FISH GOOD.

"L. F." MEDICINE CO., Portland, Me.

the Grammar and High School.

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\_\_\_\_\_

SECRET









## Farm and Garden

### INOCULATION FOR ALFALFA.

Nitrogen Gathering Bacteria on Roots of Plant Advised.

"Alfalfa is a legume crop, and for its successful growth nitrogen gathering bacteria on its roots are necessary," according to Manley Champlin, assistant agronomist at the State college, South Dakota. "Where alfalfa has been grown for many years the bacteria are likely present in the soil—for instance, certain parts of the Black Hills region. But if the bacteria are not in the soil it would probably be well to inoculate either the seed or the land to produce them."

Mr. Champlin offers the following suggestions on methods of inoculation: "Nitrogen gathering bacteria are prepared in the form known as pure culture by the United States department of agriculture at Washington, and small quantities of this pure culture are sent free to the farmers desiring to make a trial of inoculation. In sending in a request for this material the following facts should be stated: The name of the crop to be inoculated, amount of seed to be sown, acreage to be sown to this crop and the approximate date on which you expect to sow the seed."

"The inoculating material is sent out within seven days of the time the application is received, and it should be used before the expiration of twenty-five days from the date on which it was sent, as the bacteria may be destroyed if held longer than that. Requests should be sent to the secretary of agriculture, Washington, D. C. The state of South Dakota has provided no funds for the making of pure culture at the State College of Agriculture, though



A FIELD OF YOUNG ALFALFA.

requests received at the college are usually forwarded to the secretary of agriculture at Washington for attention.

"Karl F. Kellerman of the bureau of plant industry says: The inoculation of legume seeds with liquid pure culture is exceedingly simple. The seeds to be treated are placed in a clean bucket, pail or tub and the liquid pure culture applied a little at a time, thoroughly stirring the seeds with the hands, as though one were kneading dough. This will produce a thin, moist coating of culture on every seed. Too much liquid makes the seeds too wet, and if left standing thus for any extended period they may be injured. The small quantity of liquor, pure culture, furnished by the department is sufficient to produce the required amount of moisture on a considerable bulk of seeds, depending entirely upon the size of the seeds and how thoroughly they are mixed with the culture. After moistening the seeds should be spread in a thin layer on a clean floor or on newspapers and thoroughly dried. The complete application requires but a short time and should not be done in bright light or direct sunlight. If inoculated in the evening and spread in a protected place the seeds will be ready for early morning sowing, although seeds thus treated can be stored for a week or more should weather or other conditions prevent immediate sowing."

"In all cases where inoculation is practiced a strip should be left along the edge of the field without inoculation so as to determine whether or not the inoculation was necessary. "After the alfalfa or other legume crop is two or three months old an abundance of nodules or small bunches should appear on the roots. These nodules are the homes of the bacteria, and the number of nodules indicates the number of bacteria present. If an alfalfa or other legume crop grows without the bacteria it takes a grain crop and therefore it is not as beneficial to the soil as it is when it gets its nitrogen from the air. Furthermore, the legume will not make the best growth unless it is supplied with bacteria or, on the other hand, is sown upon land which is well manured and rich in nitrogen. After one field is inoculated adjoining fields may be quickly treated in future years by simply scattering soil from the inoculated field upon the new field."

#### FRUIT ON EVERY FARM.

No farm should be without fruit. A farmer who has a taste for fruit growing and land suitable for it should have his orchards of such fruits as his local market calls for and of such varieties as succeed best in his locality.

### THE FARM BUREAU.

Unless farmers are sufficiently interested in farm bureau work to form an effective organization which truly represents the farming interests of the county there is small chance of the county bureau meeting with great success, says the department of agriculture. It is not enough for professional and business men to interest themselves in the work; the farmers must feel that the bureau is theirs, that it is a means by which they can all cooperate in securing for the community at large every possible benefit and not an institution for conferring benefits on them individually. A county organization imbued with this spirit is a necessary preliminary to successful work by a county agent.

### HOW TO KILL POULTRY.

Unsanitary Product Is Caused by Incomplete Removal of Blood.

"Grasp the chicken, when killing, by the body part of the skull. Do not let the fingers touch the neck. Make a small cut with a small, sharp pointed knife on the right side of the roof of the chicken's mouth, just where the bones of the skull end. Brain for dry picking by thrusting the knife through the groove which runs along the middle line of the roof of the mouth until it touches the skull midway between the eyes. Use a knife which is not more than two inches long, one-fourth inch wide, with a thin, flat handle, a sharp point and a straight cutting edge."

The above instructions on the proper methods of killing poultry were issued by the department of agriculture. At least 90 per cent of all the poultry coming into the New York market is incompletely bled. Much of it is so badly bled that it results in a loss of from 2 to 5 cents a pound, as compared with the corresponding poultry which is well bled and in good order, continues the department. Aside from the bad appearance of incompletely bled chickens, their keeping properties are very inferior. The flesh loses its firmness sooner; its flavor is not so good; the odor of stale flesh and finally of putrefaction comes sooner, and in every way the product is more perishable.

A very large proportion of the unsightly poultry in our markets, aside from the rubbing and tearing of the skins, is caused by an incomplete removal of the blood. This is evidenced by red dots which frequently occur where the feathers have been removed, especially over the thighs and wings, or by the small veins, which mar the appearance of the neck. Generally it is the neck which shows most plainly the presence of blood in the fowl, or that a wrong method has been used in cutting the blood vessels in an attempt to empty them. The neck is the first part to discolor, becoming first red, then bluish red or purple and finally green as aging progresses.

#### Vitality of Seed.

Assuming that every care has been taken to get seed well adapted to the conditions of culture, it is still important to see that the seed is of good vitality and capable of producing strong, vigorous plants. Great waste of land and labor results every year from the use of seed of low vitality. Poor seed cannot produce good plants, and poor plants give poor returns or none at all. Seed should always be tested before planting and seed of low vitality rejected. Some of the poor seed is introduced to blood with good seed so that it can be sold at a lower price. Some of the worst weeds have been introduced and spread in this way. The loss from weeds and the cost of fighting them is great and is so well understood as to need no discussion.

Farmers often buy cheap seed thinking that they are saving money, when as a matter of fact they are paying two or three times as much for the small amount of good seed obtained as they would pay had they bought good seed in the first place at twice the rate per pound paid for the poor seed.—A. F. Woods, Dean Department of Agriculture, University Farm, St. Paul.

### SOME CHICKEN HINTS.

The cripple and the malformed chicken should be put to death immediately after hatching. Such little unfortunates will bring nothing but disappointment. They will give you more care than ten well and whole ones. They will make you sick of the chicken business and give your entire flock a black eye from the first. Kill them the instant they are born.

Lousy fowls are necessarily weaker than fowls that are free from lice. Strength and vitality are quite important factors while the fowls are producing their new suit of clothes. Corn is a very poor grain when fed extensively. It produces fat at the expense of other tissue, and when laying hens are fed too much corn they soon become too fat to lay.

There is no grain superior to wheat for chickens. It is readily eaten and as a rule laying hens thrive upon it. Those who grow wheat have a fine opportunity to raise chickens and sell eggs, for the fowls may glean the stubble fields and save much grain that would otherwise be lost.

The person who has never fed grit to his fowls will be surprised at the amount a flock of hens will pick up in the course of a year. The feed dealer keeps the best kind of grit, it being ground granite or other kind of rock.

### NARROW GAUGE ROADS.

An Engineering Fallacy That Has Cost Untold Millions.

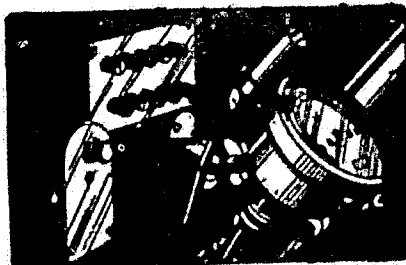
Available statistics show that there are in the entire world nearly 165,000 miles of narrow gauge railway lines. The great bulk of this mileage must eventually be converted to standard gauge, as the narrow gauge railway lines of the United States have been, says the Engineering News. The cost of this alteration, enormous as it is, is but a small fraction of the financial loss which the world has suffered through its belief in this economic and engineering fallacy. A comparison of the freight rates per ton mile on United States railways and on the narrow gauge railway systems of other countries is most instructive as showing the inefficiency of the narrow gauge system as a transportation machine.

If a fair estimate were made of the cost to the world resulting from the narrow gauge fallacy, the total would probably reach several billions of dollars. The cost in Japan alone of changing 5,000 miles of narrow gauge railway to standard gauge is estimated at \$150,000,000. In Argentina the net earnings of the narrow gauge railways are only about half as much as the capital invested in the lines, and this notwithstanding the fact that the capitalization per mile of the standard gauge lines is much heavier.

### PREVENTS AUTO THEFTS.

Combination Lock Breaks Connection Between Batteries and Motor.

A "cut out" that works on the principle of the combination lock and is designed to prevent the theft or unauthorized use of an automobile has recently been invented. This apparatus



COMBINATION MOTOR IGNITION LOCK.

rate makes and breaks the connection between the batteries and the motor. The circuit is broken by pressing a dummy key and can only be restored by pressing a succession of keys in a definite order.

The combination can be made, as simple or as complicated as desired. The keys return to their original position immediately when released, so that no clew is left as to which keys have been used.

#### Chalk Briquettes as Fuel.

The Leeds briquette works at Hunlet has recently been making experiments to determine the possibility of the use of chalk briquettes for fuel, says Power. It is said that the company is able to obtain its chalk in the south of England at a cost of from 14 to 25 cents per ton and that it is proposed to sell it in briquette form at from \$8.75 to \$9 per ton. The briquettes are five inches long, four inches wide and two and a half inches thick. It is claimed that they burn with little or no smoke, with an exceedingly small amount of ash and that they give off from 40 to 50 per cent less smoke than coal. If the idea should prove as successful as seems possible from the foregoing it will be a large step toward the solution of the smoke problem.

#### Aluminum From Clay.

Though new bauxite deposits are being found from time to time, there is considerable interest in the preparation of pure alumina from clay or other silicate minerals. As soon as a process for the extraction of alumina from clay is put on a commercial basis large quantities of low grade bauxite containing considerable admixtures of clay will become available as aluminum producers. According to the United States geological survey, there is a large tonnage of such material associated with most of the southern Appalachian basins.

#### The "Wireless" Mine.

The Yale Coal company has introduced "wireless" telephony into its Lindsay colliery, at Kelly, in the county of Wye, Scotland. The current is carried through the rails in the gangways. Only four receivers have been installed, one in the hoist room, another at the foot of the shaft, a third at 2,500 and a fourth 4,000 feet, respectively, from that point. The receivers weigh about fifty pounds. Each instrument has a battery of four cells, any of which will produce a current at fifteen volts pressure.—Coal Age.

#### A Furniture Polish.

A homemade furniture polish that will compare with any known polish is composed of the following chemicals and oils: Mix three ounces of turpentine very gradually with six ounces of linseed oil; then add three ounces of grain alcohol, three ounces of 5 per cent acetic acid and one-half ounce of butter of antimony. Apply with a cloth and use a good friction. As the substance might prove harmful to children if taken internally, see that it is kept out of their reach.

#### Sealing Leaky Joints.

When a small pipe connection or a petcock becomes so worn or loose that it leaks never try to remedy it by soldering the joint, but in the entire length of the threads, and the wear will be taken up.

### "SWAT THE ROOSTER."

W. C. Monahan, Poultry Instructor in Agricultural Extension Service.

"Swat the Rooster" is a slogan which will do much to improve the quality of eggs shipped from Maine farms. The breeding season is now over and the rooster has lost his usefulness. Pullets hatched from now on mature too late to be profitable until layers and cockerels coming late will be of little value either as broilers or as next season's breeders.

Infertile eggs are preferable to fertile ones because they keep longer and are not liable to form "bloodings" or "heated" eggs. A fertile egg often begins to incubate before it leaves the body of the hen. Every time thereafter that it is above 67 degrees F., the incubating process continues unless the germ is killed by extreme heat or a sudden chill. The blood films of the dead germ soon disintegrate and form a dark blotch or "blood-spot" giving the egg the appearance of having been heated. Such an egg when broken in a saucer gives the housewife a very unfavorable impression for she thinks that she sees—as she actually does see—the remains of a dead chicken, small though it may be.

The annual loss to poultrymen due to this partial spoiling of fertile eggs is tremendous and it can be entirely prevented without cost or inconvenience. All that is required to produce infertile eggs is to keep the male birds away from the laying flocks. Hens will lay just as well, if not better, without coverts and at the same time be saved considerable annoyance. By killing the cockerels after the breeding season closes, or by confining them if they are valuable enough to be held over for a second season's service, great economy is secured in the production of a better quality of eggs and in the saving of food.

Infertile eggs carefully handled will keep for a long time without deterioration. Eggs should be gathered at least once a day and stored in a cool, dry place. Dampness tends to make eggs musty and they soon become addled. Draughts bring the eggs into contact with too much air which evaporates water through the shell thus enlarging the air space and giving the egg when candled the appearance of being much older than it really is.

A cool dry cellar is an excellent place to keep eggs while saving for a shipment. The natural insulation afforded by the fillers of a regular shipping case makes it an ideal place to store eggs. Consequently, one of the best, as well as most convenient practices, is to pack eggs in cases as soon as they are gathered.

Remember the slogan, "Swat the Rooster," and produce infertile eggs.

### THE ORGANISM OF THE POTATO SCAB.

Certain Studies on the Effect of Temperature, Sunlight and Moisture upon the Growth and Development of the Organism Which Causes Common Potato Scab.

The plant pathologist of the Maine Agricultural Experiment Station has been growing in pure cultures for nearly eight years the organism which causes common potato scab. During this time the same germ has been isolated from potatoes from various parts of this country, and also from tubers obtained from quite widely separated portions of Europe. In the same period different strains have been tested at various times, and found to be capable of causing the disease. The organism itself, while long classed as a fungus is apparently more closely related to the bacteria.

By studying the germs of such diseases in pure cultures in the laboratory it is frequently possible to discover some fact about the life history of the organism which suggests a mode of attack to effect its control. It is by means of such studies as those supplied by field observations that this station was able to work out a comparatively simple, inexpensive, but effective method of control in the case of the blackleg of potatoes which is also a bacterial disease.

In a long series of tests to determine the effect of temperature upon the development and growth of the common potato scab organism, it was found that it could make a very slight growth even as high as 165 degrees F., but at this temperature the organism soon died. The most rapid growth was observed between 77 and 85 degrees F., although a very rapid development occurred at first when cultures were placed at a temperature slightly below 67 degrees F. Growth dropped off very rapidly below 63 and practically ceased at a little below 50 degrees F.

This indicates that probably the greatest danger from scab infection occurred during the hottest part of the summer, and that no fall appearance of the growth and spread of the organism decreases and finally ceases.

Exposure to temperature below freezing did not always kill the parasite. Some very interesting results were obtained by studying the effects of direct sunlight upon the potato scab

**GROWING FEED**

You are proud to show the big Chickens raised on GROWING FEED

Your neighbor is ashamed of his half grown runs fed on "Something just as good"

Buy it of  
**J. B. HAM & CO.,** Bethel, Maine.

#### organisms. This was done in the following manner:

A small quantity of the growth in a pure culture, which is made up of numerous minute living bodies, was introduced into a suitable nutrient substance containing a jelly-like material which hardens upon cooling. This inoculated material was then poured into a sterilized glass dish and allowed to set. After which the dishes were exposed to direct sunlight after first covering one-half of each with an opaque material. The effect of this exposure could easily be ascertained after the plates had been allowed to stand a day or two under temperature conditions favorable for growth, since each one of the living germs introduced into original culture medium would then grow into a colony visible to the naked eye. It was found that an exposure of ten minutes to direct rays of the sun killed nearly all of the germs on the uncovered side of the plate, while on the covered side a profusion of living colonies appeared.

This effect of sunlight upon the vegetative portions of the organism causing the disease has considerable significance in a practical way, and in a measure explains the beneficial results obtained in the control of potato scab when the seed tubers are first exposed to sunlight for some time before planting.

The exposure of seed potatoes to sunlight for several days before planting is undoubtedly a very wise practice, and should be followed wherever feasible. Not only do the sun's rays here produce a germicidal effect as elsewhere, but they bring about certain other desirable changes. The average Maine potato storehouse is designed to keep the potato throughout the winter and into the spring, in as near the condition in which it came out of the ground in the fall as possible. The better houses serve this condition admirably, but in doing so they are not getting the seed potato ready to germinate. If the potatoes from these houses could be taken to a somewhat warmer room where they would be exposed to sunlight, or at least to plenty of diffused daylight for some days, or possibly a week or two before planting, much of the trouble from failure to germinate, especially in cold late springs, would undoubtedly be eliminated. Potato tubers will not produce long sprouts when exposed to the light. Those which show are so short and firm that there is very little danger of breaking them off in planting.

In the same series of studies under consideration it was found that the potato scab organism is quite susceptible to drying. Since it exists in the moist tissues just beneath the scab spots, the organism can secure sufficient moisture to maintain its life over winter, and hence this observation regarding the effect of drying are of little practical importance from the standpoint of control measures. However, it may indicate that there is less danger from the spread of the disease from the contact of healthy seed and clean tools with the diseased tubers than has been previously supposed.

### WHAT IS HUMUS. ITS VALUE. HOW SECURED AND MAINTAINED.

Earl Jones, Instructor in Agronomy, Farmers' Week Course, Orono, Maine.

Under natural conditions the organic matter content of the soil did not decrease. Man must, however, remove the crops from the soil and quite of ten we find that this factor tends to decrease the productivity.

Nitrogen, the most important element, from our standpoint, because it is the most costly, is not found in the rocks from which the soil was made, and is found in the organic matter of the soil. It becomes available to plants upon the decay of this material. It has been found that the supply of available nitrogen is usually proportional to the supply of organic matter in the soil.

Organic matter increases the water holding power of soil. This has been proven a great many times and during the dry periods of the summer months, may be a most important factor in crop growth.

Organic matter also improves the structure or tilth of the soil. Every farmer has noticed an increased melioration of the soil brought about by dressing with manure. All these reasons combined, tend to make the organic matter question one of the most important in soil fertility.

Since the organic matter content of productive soils is being continually reduced, the question of maintaining it is important. Plowing under soil, manure, crop residues, or even an entire crop are the means at the farmer's hand for retaining this factor of soil fertility. Plowing under the second crop of clover is good practice if the rotation can be so arranged.

For the average farmer the best method of keeping up the organic matter content of the soil is the plowing under of a good sod every three, four or five years. We have evidence to show that this practice will keep up the organic matter content in the soil even where no manure is used.

The question of growing a crop to plow under is quite often brought up. Unless the land is badly run down, it is not advisable to spend a season growing a crop for this purpose. If the farmer keeps live stock, he must feed the crops but will have the manure to apply to the soil. There are times when in building up a run down soil, a crop may be grown simply to plow under, but later the rotation should be arranged so that soil, manure or crop residues will be sufficient for this. Quite often, however, crops can be grown between the regular crops without losing the use of the land.

Where a crop is grown simply for plowing under, a legume should be grown if possible. Vetch is one of the most suitable legumes for this purpose, but at the present time, the price of seed is prohibitive. It should be sown in the fall with rye or with some other grain. Field peas sown with a grain crop in the spring are also of value.

### HIGH EXPLOSIVES.

When nitric acid acts on cotton it converts it thereby into gun cotton, which, as everyone knows, is a "high explosive" of tremendous power. The process of making gun cotton consists in soaking the cotton in a mixture of nitric and sulphuric acids. After undergoing that treatment, the cotton is wrung by wringers and thoroughly washed, in order to remove the free acid. It is then reduced to pulp in a pulping machine, and finally, when wanted for use in torpedoes, it is carefully moulded into blocks.

Gun cotton is many times as powerful as gunpowder. When "set off" it is instantaneously resolved into a large volume of highly heated gas that produces an overwhelmingly destructive effect. In order that the effect shall be forthcoming it is not even necessary that the gas shall be confined, for its particles move with such surprising velocity that the explosive never fails to work havoc even in the open.

If, instead of using cotton, we mix ordinary glycerin—a harmless, sweet, and colorless liquid—with nitric acid, we get nitroglycerin, another high explosive of enormous power. It is very dangerous, and for that reason is commonly mixed with other materials when put to industrial uses. Thus, to make dynamite, rotten-stone, a substance that by itself is inert and harmless, is saturated with it. But there are many kinds of dynamite. The material used as an absorber is called the "dope." It may be in itself an explosive, like gunpowder, and in that case is known as an "active dope."

The essential difference between such high explosives as gun cotton and nitroglycerin and the ordinary explosive, like gunpowder, lies in the fact that each molecule of the high explosive contains both the thing that burns and the oxygen that supports the burning. When the stuff is "set off," therefore, there is no delay, and the whole mass is instantly converted into gas. In the case of gunpowder, on the other hand, there is not a chemical, but a mechanical mixture of the essential ingredients, and accordingly the fire produced by ignition has to be communicated with relative slowness from grain to grain. Furthermore, a chemical compound of the high explosive kind is so unstable that a mere mechanical shock will explode it. In order to set it off, therefore, a "detonator,"—a substance that is commonly used. The fulminate is made by treating alcohol with nitric acid in the presence of mercury.—Prof. Charles E. Monroe, in The Youth's Companion.

IT WILL PAY YOU TO READ THE ADVERTISEMENTS IN THE OXFORD COUNTY CITIZEN.



# BOYS BOYS

## Here is Your Chance to Get a High Grade BICYCLE FREE!

We have made arrangements with Edward King, the Bethel agent for the Panama Bicycle, to supply us with 25 of these standard wheels which we are going to exchange with the boys for work.

Frame—22 inch; 1 inch 10 gauge tube; 5 inch head; flush connections; 316 inch head fittings; 7/8 inch tapered rear forks; 3/4 inch rear stays.  
 Forks—Full cammed fork sides.  
 Crown—One piece forged.  
 Cranks—Fisher Brand Special, one piece patented.  
 Gear—26 tooth front, rear 9 x 3-16.  
 Hubs—New Departure Coaster brake.  
 Front hub to match.  
 Rims—Enameled aluminum.  
 Chain—316 inch roller, 1 inch pitch.  
 Finish—Indian Red with two fine black stripes.  
 Tires—Sterling Roadster, 28 x 1 1/2 inch, guaranteed. Arrow tread.  
 Saddle—Person's Bon Ton.  
 Pedals—No. 105.  
 Bar—No. 3, adjustable, forward extension with wound leather grips.  
 Guards—Steel, front and rear.  
 Stand—Steel, enameled to match.

**500 POINTS WINS A BICYCLE** and all that is required is a little work in some of your spare time.

### HOW POINTS WILL COUNT

- For one New yearly subscription to the Citizen, 10 points
- For one Renewal of subscription to the Citizen, 5 points
- For each dollar of advertising, cash with order, 4 points
- For each dollar's worth of printing secured, 4 points

Boys failing to get the 500 points but getting 100 points or more will be given prizes which will be announced later.

We will furnish subscription lists and receipts, price lists and rate cards, and help you get started.

Be the First One in Your Town to Win a Bicycle.

See the Bicycle on Exhibition at Edward King's Store.

THE OXFORD COUNTY CITIZEN, Bethel, Maine

### ITEMS OF INTEREST.

Beginning June 1 the carrying of liquor in dining cars of the Boston & Maine system was forbidden by the management of the railroad. One of the officials said that the rule was following the example of many other large railroad companies of the country.

The oldest barn in the United States which was owned by Dr. Hagar of Hingham for many years, and was 40 years old in 1914. The barn was built in 1774, and it was able to do considerable work but it was too decrepit to be used for anything but a museum. When the barn was 40 years old it could do the work of an old horse and it was a great deal of spirit.

The state library officials are making an effort to complete their collection of the Maine Farmers' Almanac which was first published in 1880. The number of copies of the almanac, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 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